

DECLARATION FOR PATENT APPLICATION

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

USE OF NUCLEOTIDE ANALOGS IN THE ANALYSIS OF OLIGONUCLEOTIDE MIXTURES AND IN HIGHLY MULTIPLEXED NUCLEIC ACID SEQUENCING

the specification of which

- () is attached hereto.
- (X) was filed by an authorized person on my behalf on June 13, 2001 as Application Serial No. 09/880,988.
- (X) was amended on September 4, 2001.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and we have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed (Yes or No)</u>
N/A			

We hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing Date</u>

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/211,356	June 13, 2000	

<u>PCT Application No.</u>	<u>Filing Date</u>	<u>Status</u>
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N/A

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Stephanie Seidman, HELLER EHRMAN WHITE & McAULIFFE LLP, 4350 La Jolla Village Drive, Suite 600, San Diego, California 92122-1246:

<u>Attorney</u>	<u>Reg. No.</u>
Stephanie Seidman	33,779
Gary H. Silverstein	39,372
Paula K. Schoeneck	39,362
Dale L. Rieger	43,045

Address for correspondence: Stephanie Seidman
HELLER EHRMAN WHITE & McAULIFFE LLP
4350 La Jolla Village Drive, Suite 600,
San Diego, California 92122-1246

Full name of joint inventor: Charles R. Cantor

Inventor's signature: _____

Date: _____

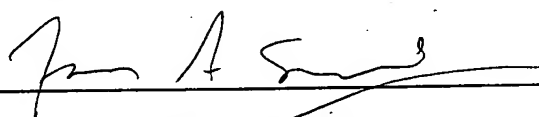
Residence: Del Mar, California

Post Office Address: 526 Straford Court, Unit E

Del Mar, California, 92014

Citizenship: U.S.A

Full name of joint inventor: Fouad A. Siddiqi

Inventor's signature: 

Date: 16 July 2001

Residence: Boston, Massachusetts

Post Office Address: 113 Bay State Road, Apt. 3

Boston, Massachusetts 02215

Citizenship: U.S.A

A S S I G N M E N T

I, CHARLES R. CANTOR, a citizen of the United States of America, residing at 526 Stratford Court, Unit E, Del Mar, California 92014, U.S.A., for good and valuable consideration, have assigned and do hereby assign to THE TRUSTEES OF BOSTON UNIVERSITY, a non-profit organization, with a principal address of 147 Bay State Road, Boston, Massachusetts 02215, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/880,988 filed June 13, 2001, entitled:

USE OF NUCLEOTIDE ANALOGS IN THE ANALYSIS OF OLIGONUCLEOTIDE MIXTURES AND IN HIGHLY MULTIPLEXED NUCLEIC ACID SEQUENCING

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter disclosed by the above application or any application based thereon, or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Cantor et al.
ASSIGNMENT

Atty Docket No. 25491-2408

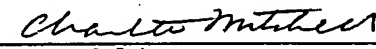
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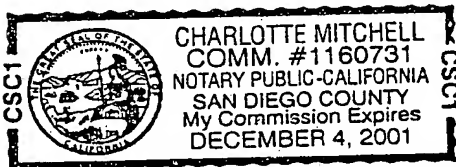

Charles R. Cantor

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO) SS.

On 7/19/01, before me, the undersigned,
a notary public for the State of CALIFORNIA, personally
appeared CHARLES R. CANTOR, personally known to me (or proved to
me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to
me that he executed the same in his authorized capacity and that
by his signature on the instrument the person or the entity upon
behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.


Notary Public



DECLARATION FOR PATENT APPLICATION

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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- ☐ is attached hereto.
- ☒ was filed by an authorized person on my behalf on June 13, 2001 as Application Serial No. 09/880,988.
- ☒ was amended on September 4, 2001.

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We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and we have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed (Yes or No)</u>
N/A			

We hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing Date</u>

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/211,356	June 13, 2000	

<u>PCT Application No.</u>	<u>Filing Date</u>	<u>Status</u>
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N/A

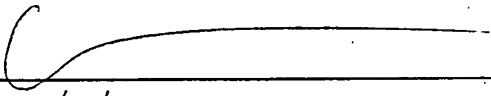
We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Stephanie Seidman, HELLER EHRMAN WHITE & McAULIFFE LLP, 4350 La Jolla Village Drive, Suite 600, San Diego, California 92122-1246:

<u>Attorney</u>	<u>Reg. No.</u>
Stephanie Seidman	33,779
Gary H. Silverstein	39,372
Paula K. Schoeneck	39,362
Dale L. Rieger	43,045

Address for correspondence: Stephanie Seidman
HELLER EHRMAN WHITE & McAULIFFE LLP
4350 La Jolla Village Drive, Suite 600,
San Diego, California 92122-1246

Full name of joint inventor: Charles R. Cantor

Inventor's signature: 

Date: 7/16/01

Residence: Del Mar, California

Post Office Address: 526 Straford Court, Unit E
Del Mar, California, 92014

Citizenship: U.S.A

Full name of joint inventor: Fouad A. Siddiqi

Inventor's signature: _____

Date: _____

Residence: Boston, Massachusetts

Post Office Address: 113 Bay State Road, Apt. 3
Boston, Massachusetts 02215

Citizenship: U.S.A

A S S I G N M E N T

I, FOUAD A. SIDDIQI, a citizen of the United States of America, residing at 113 Bay State Road, Apt. #3, Boston, Massachusetts 02215, U.S.A., for good and valuable consideration, have assigned and do hereby assign to THE TRUSTEES OF BOSTON UNIVERSITY, a non-profit organization, with a principal address of 147 Bay State Road, Boston, Massachusetts 02215, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/880,988 filed June 13, 2001, entitled:

USE OF NUCLEOTIDE ANALOGS IN THE ANALYSIS OF OLIGONUCLEOTIDE MIXTURES AND IN HIGHLY MULTIPLEXED NUCLEIC ACID SEQUENCING

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter disclosed by the above application or any application based thereon, or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Cantor et al.
ASSIGNMENT

Atty Docket No. 25491-2408

Date: 16 July 2001

Fouad A. Siddiqi
Fouad A. Siddiqi

STATE OF Massachusetts
COUNTY OF Suffolk) SS.

On July 16, 2001, before me, the undersigned,
a notary public for the State of MASSACHUSETTS, personally
appeared FOUAD A. SIDDIQI, personally known to me (or proved to
me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to
me that he executed the same in his authorized capacity and that
by his signature on the instrument the person or the entity upon
behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Janine B. Anderson
Notary Public

